



Modified Form PTO/SB/08A

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete If Known

Application Number	09/834,074
Filing Date	April 12, 2001
First Named Inventor	Grube
Group Art Unit	2839
Examiner Name	N. Abrams
Attorney Docket No.	276440-12

FOREIGN PATENT DOCUMENTS

Examiner Initials ^a	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T ⁶
		Office ²	Number ³	Kind Code ³				
M	1	JP	07-063999		Yagi et al.	3/10/1995		x
M	2	WO	97/44676		Khandros et al.	11/27/1997		

OTHER PRIOR ART - NONPATENT LITERATURE DOCUMENTS

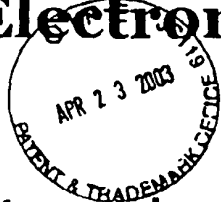
Examiner Initials ^a	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶

Examiner Signature	<i>n. ab</i>	Date Considered	5-16-03
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Electronic Information Disclosure Statement






Microelectronic Spring With Additional Protruding Member

Application: 
09/834074
Confirmation: 2750
Applicant(s): Gary Grube
Docket Number: 276440-12
Group Art Unit: 2839
Examiner: N. Abrams
search string: (5177438 or 6043563 or 6174744 or 20010012739).pn.

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US Patent Documents


Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	P01	5177438	1993-01-05		Littlebury et al.		
	P02	6043563	2000-03-28		Eldridge et al.		
	P03	6174744	2001-01-16		Watanabe et al.		

Published Applications

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
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	U01	20010012739	2001-08-09		Grube et al.
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Signature

Examiner Name	Date
<i>N. Aber</i>	11-12-03